## **CURRICULUM VITAE**

Heather D. Hartsell, Ph.D. 478-25-4493 July 2014

#### I. EDUCATIONAL AND PROFESSIONAL HISTORY

EDUCATIO	UNAL AND PROFESSIONAL HISTORY
Institutions	Attended
1966-71	Oakridge Secondary School, London, Ontario
1971-75	Honours Bachelor of Arts, University of Western Ontario, Faculty of Physical Education
1975-78	Master of Science (Athletic Training), University of Alberta, Faculty of Graduate Studies, Physical
1775 76	Education and Recreation
1978-82	Doctor of Philosophy (Kinesiology), University of Alberta, Faculty of Graduate Studies, Physical
1770-02	Education and Recreation
1985-87	Bachelor of Science (Physical Therapy), University of Western Ontario, Faculty of Applied Health
1903-07	Sciences
2005-08	Master of Divinity, University of Dubuque Theological Seminary, Dubuque, Iowa
2003-06	Master of Divinity, Oniversity of Dubuque Theological Seminary, Dubuque, Iowa
Post-Gradu	ate Education
1987	$E_1V_1$ Challenge Exam (Fall), (E = extremity, V = vertebral)
1988	V <sub>2</sub> V <sub>3</sub> Upper Spine (Spring)
1989	E <sub>2</sub> E <sub>3</sub> Lower Extremity (Spring)
1990	Donatelli's Diagnosis and Treatment of Foot and Ankle Problems (Summer)
1991	Sahrmann Musculoskeletal Imbalances and Regional Pain Syndromes, Level I (Fall)
1992	Sahrmann Musculoskeletal Imbalances and Regional Pain Syndromes, Level II (Winter)
1992	Sahrmann Musculoskeletal Imbalances and Regional Pain Syndromes, Level III (Spring)
1992	Counterstrain Techniques for Soft Tissue Pathology, Level I (Fall)
1994	Clinical Insights: new developments in musculoskeletal rehabilitation
1995	Counterstrain Techniques for the Spine and Peripheral Joints Level II
1996	CPA Scientific Meeting and Exposition, Victoria, Canada, May
1996	APTA Scientific Meeting and Exposition, Minneapolis, Minnesota, June
1997	APTA Scientific Meeting and Exposition, San Diego, California, June
1997	Effective Presentations (two-part seminar), Office of Consultation and Research in Medical Education,
	University of Iowa
1997	nTITLE Workshop: Powerpoint, Web site design and HTML for teaching, selected participant, received
	\$3000 grant, June
1998	Expanding the Concept of Scholarship Through the Educator's Portfolio, College of Medicine, May
1998	Documenting Your Educational Scholarship for Promotion and Tenure, College of Medicine, May
1998	APTA Scientific Meeting and Exposition, Orlando, Florida, June
1998	Teaching Portfolio, Center for Teaching, University of Iowa
1999	APTA Scientific Meeting and Exposition, Washing ton, DC, June
1999	Implementing the Guide to Physical Therapist Practice in PT Education using APTA Documentation
	Software, University of Iowa, October
1999	Writing for Excellence - A Seminar for Residents, Fellows and Faculty by Paul Casella, Clinical Trials
	Office, College of Medicine, University of Iowa, December 13
1999	Speaking for Excellence by Paul Casella, Clinical Trials Office, College of Medicine, University of
	Iowa, December 20
2000	APTA Scientific Meeting and Exposition, Indianapolis, Indiana, June
2001	APTA Scientific Meeting and Exposition, Anaheim, California, June
Professions	l and Academic Positions Held
1978-79	Lecturer, Faculty of Physical Education and Recreation, University of Alberta

1978-79	Lecturer, Faculty of Physical Education and Recreation, University of Alberta
1979-80	Lecturer, Faculty of Rehabilitation Medicine, University of Alberta
1980-81	Administration Officer, Faculty of Physical Education and Recreation, University of Alberta
1980-81	Lecturer, Faculty of Physical Education and Recreation, and Faculty of Rehabilitation Medicine,
	University of Alberta

1980-81	Head Volleyball Coach, Women's Intercollegiate Volleyball, University of Alberta
1981-84	Assistant Professor, Faculty of Physical Education, and Faculty of Medicine, The University of
	Western Ontario
1981-84	Cross-Appointment, Faculty of Medicine, The University of Western Ontario
1987-95	Assistant Professor, Faculty of Applied Health Sciences, Department of Physical Therapy, The
	University of Western Ontario
1990-95	Honorary Appointment, Faculty of Kinesiology, The University of Western Ontario
1996-pres	Honorary Appointment, Faculty of Allied Health Sciences, The University of Western Ontario
1996-2002	Assistant Professor, College of Medicine, Physical Therapy Graduate Program, The University of Iowa
2002-2004	Associate Professor, Health Sciences Program, Indiana University
2009-present	Associate Professor, School of Physical Therapy and Rehabilitation Services, University of South
	Florida, Tampa, Florida

#### **Professional**

- 1986 Plastic Surgery, Victoria Hospital, London, Ontario (5 weeks)
- 1986 Rheumatology, Victoria Hospital, London, Ontario (4 weeks)
- 1986 Cardiopulmonary (General Medicine and Surgery), University Hospital, London, Ontario (7 weeks)
- 1987 Neurology (Rehabilitation), Victoria Hospital, London, Ontario (5 weeks)
- 1987 Orthopaedics (Outpatients), Strathroy Hospital, Strathroy, Ontario (5 weeks)
- 1987 Paediatrics (Neurology), Thames Valley Children's Centre, Victoria Hospital, London, Ontario (5 weeks)
- 1987 Orthopaedics (Inpatients), University Hospital, London, Ontario (4 weeks)
- 1987 Orthopaedics (Outpatients), University Hospital, London, Ontario (16 weeks)
- 1990 Sports Medicine, UH/JC Kennedy Athletic Injuries Clinic, London, Ontario (22 weeks)
- 1990-91 Sports Medicine, UH/JC Kennedy Athletic Injuries Clinic, London, Ontario, Part-time (6 months)
- 1991-92 Sports Medicine, UH/JC Kennedy Athletic Injuries Clinic, London, Ontario, Part-time (6 months)

#### **Athletic Therapy-International and National**

- 1977,78 Athletic Therapist, Canadian Women's Soccer Championships, Alberta
- 1978 Athletic Therapist, Canadian Wrestling Championships, Alberta
- 1978 Athletic Therapist, Canada Cup Volleyball Championships, Alberta
- 1978 Athletic Therapist, Canada Cup Badminton, Alberta
- 1978 Athletic Therapist, Canadian Olympic Hockey Team Camp, Alberta
- 1978 Athletic Therapist, Canadian Medical Team, XI Commonwealth Games, Alberta
- 1978-80 Assistant Athletic Therapist, Athletic Injuries Clinic, Faculty of Physical Education and Recreation, University of Alberta
- 1979 Athletic Therapist, Host Medical Team, CIAU Hockey Championships, Alberta
- 1979 Athletic Therapist, Canadian Junior National Volleyball Championships, Alberta
- 1979 Athletic Therapist, Canadian Medical Team, World University Games, Mexico City, Mexico
- 1979 Athletic Therapist, Can-Am Volleyball Championships, Alberta
- 1979-80 Athletic Therapist, Edmonton Journal International Track and Field Invitational, Alberta
- 1980-81 Athletic Therapist, Athletic Injuries Clinic, Faculty of Physical Education and Recreation, University of Alberta
- 1982 Athletic Therapist, Host Medical Team, World Wrestling Championships, Alberta
- 1983 Athletic Therapist, Host Medical Team, World University Games, Alberta
- 1983 Athletic Therapist, Canadian Medical Team, Pan American Games, Caracas, Venezuela

### **Athletic Therapy - Provincial**

- 1975-81 Athletic Therapist, University of Alberta University Football Team, Alberta
- Athletic Therapist, Canadian Association of Physical Education, Health and Recreation (CAHPER) National Fitness Survey in British Columbia, Alberta and Northwest Territories
- 1981 Athletic Therapist, University of Alberta Summer Sports Camp, Alberta
- 1981-82 Athletic Therapist, The University of Western Ontario Women's Intervarsity Basketball Team
- 1987 Athletic Therapist, Ontario Winter Games, London, Ontario

#### **Certification and Licensure**

1977-87	Certified Athletic Therapist, Canadian Athletic Therapy Association
1998-2004	Licensed Physical Therapist, American Physical Therapy Association
2012-	Licensed Physical Therapist, American Physical Therapy Association

FL #27967 IA #03399

## **Honors, Awards Recognitions, Outstanding Achievements**

1971	Ontario High School Scholar Award, Ontario, Canada
1975	University of Western Ontario School Letter – Volleyball, Ontario, Canada
1977-78	Province of Alberta Graduate Scholarship, University of Alberta, Alberta, Canada
1978-82	Province of Alberta Graduate Fellowship, University of Alberta, Alberta, Canada
2000-02	University of Iowa teaching Scholars Award, University of Iowa, Iowa City, Iowa
2005-08	University of Dubuque Presidential Scholarship, Dubuque, Iowa

## II. TEACHING AT THE UNIVERSITY OF IOWA, INDIANA STATE and USF

## A. Teaching Assignments by Semester (Classroom, Seminar, Teaching Lab)

				# of			
			<u>s.h.</u>	stude	ntsLength	% responsible	
Sp	1996	101:326 Analysis of Scientific Literature	$\overline{2}$ sh.	2	sem	100%	
•		101:203 Musculoskeletal Therapeutics III	3 sh	36	sem	8 hrs	
F	1996	101:210 Kinesiology	4 sh	36	sem	8 hrs	
		101:202 Musculoskeletal Therapeutics II	3 sh	36	sem	50%	
Sp	1997	101:185 Musculoskeletal Therapeutics I	2 sh	36	sem	100%	
		101:284 Practicum in Research	2 sh	1	sem	100%	
		101:327 Research Therapeutics	2 sh	1	sem	100%	
		101:203 Musculoskeletal Therapeutics III	3 sh	36	sem	8 hrs	
Su	1997	101:325 Independent Study	3 sh	1	sem	100%	
F	1997	101:284 Practicum in Research	1 sh	1	sem	100%	
		101:210 Kinesiology	4 sh	36	sem	8 hrs	
		101:202 Musculoskeletal Therapeutics II	3 sh	36	sem	50%	
		101:249 Research Practicum MPT	1 sh	4	sem	100%	
Sp	1998	101:185 Musculoskeletal Therapeutics I	3 sh	36	sem	100%	
		101:203 Musculoskeletal Therapeutics III	3 sh	36	sem	8 hrs	
		101:250 Research Practicum MPT	2 sh	4	sem	100%	
F	1998	101:280 Teaching Practicum	1 sh	1	sem	100%	
		101:210 Kinesiology	4 sh	36	sem	8 hrs	
		101:202 Musculoskeletal Therapeutics II	3 sh	36	sem	50%	
		101:149 Research Practicum MPT	1 sh	4	sem	100%	
Sp	1999	101:185 Musculoskeletal Therapeutics I	3 sh	36	sem	100%	
-		101:325 Independent Study	1 sh	1	sem	100%	
		101:203 Musculoskeletal Therapeutics III	3 sh	36	sem	8 hrs	
		101:250 Research Practicum MPT	2 sh	4	sem	100%	
F	1999	101:280 Teaching Practicum	1 sh	1	sem	100%	
		101:210 Kinesiology	4 sh	36	sem	8 hrs	
		101:202 Musculoskeletal Therapeutics II	3 sh	36	sem	25%	
		101:249 Research Practicum MPT	1 sh	4	sem	100%	
Sp	2000	101:185 Musculoskeletal Therapeutics I	3 sh	36	sem	100%	
•		101:250 Research Practicum MPT	2 sh	4	sem	100%	
		101:325 Independent Study	1 sh	1	sem	100%	

	F	2000	101:210 Kinesiology 101:249 Research Practicum	4 sh 1 sh	36 4	sem sem	8 hrs 100%	
	Sp	2001	101:185 Musculoskeletal Therapeutics I	3sh	36	sem	100%	
			101:326 Analysis of Scientific Literature	3sh	6	sem	60%	
			101:170 Prosthetics and Orthotics	2sh	36	sem	4 hrs	
			101:250 Research Practicum II	2sh	4	sem	100%	
			101:280 Teaching Practicum 101:284 Research Practicum	1sh 2sh	1 1	sem	50% 100%	
			101.204 Research Flacticum	2811	1	sem	10070	
	F	2001	101:210 Pathokinesiology	4sh	36	sem	8 hrs	
			101:202 Musculoskeletal Therapeutics II	4sh	36	sem	100%	
			101:284 Research Practicum	2sh	1	sem	100%	
			101:280 Teaching Practicum	1sh	1	sem	75%	
	_							
	Sp	2002	101:185 Musculoskeletal Therapeutics I	3sh	36	sem	100%	
			101:250 Research Practicum II	2sh	4	sem	100%	
			101:284 Research Practicum	2sh	1	sem	100%	
			101:170 Prosthetics and Orthotics	2sh	36	sem	4 hrs	
	F	2002	Foot and Ankle- Biomechanics and Functional	Anatomy			8 hrs	
	F	2002	Strength Training Evaluation- Muscle Physiological	gy		22		4hrs
	Sp	2003	Assessment and Evaluation of the Knee and Hip	to Nursi	ing 3 <sup>rd</sup> yr		9 hrs	
	F	2003	Foot and Ankle- Biomechanics and Functional	Anatomy			8 hrs	
	F	2003	Strength Training Evaluation- Muscle Physiological	gy		36		6hrs
	Sp	2004	Musculoskeletal Practice Patterns I	4sh	22	sem	100%	
USF SPTRS								
COI DI IND	Sp	2009	Scientific and Professional Foundations of Phys	sical Ther	apy II (90	) SH), Cı	rse Dir	
	Sp	2009	Clinical Problem Solving II- Musculoskeletal (9			,, -		
	Sp	2009	Triple jump II (8 SH)	,,				
	F	2009	Scientific and Professional Foundations of Phys	sical Ther	apy I (90	SH), Crs	se Dir	
	F	2009	Triple Jump I (8 SH)					
	F	2009	Psychosocial Issues in Physical Therapy- guest (4 SH)	lecturer	on Spiritu	ality in t	he Health	Professions
	F	2009	Triple Jump III (8 SH)					
	Sp	2010	Scientific and Professional Foundations of Phys				rse Dir	
	Sp	2010	Clinical Problem Solving II- lab instructor and guest lecturer (25 SH)					
	Sp		Triple Jump II (8 Sh)					
	F-SP		1Scientific and Professional Foundations of Phy	sical The	rapy I (10	)5 SH), C	Crse Dir	
	F		Triple Jump I (8 SH)					
	F		Triple Jump III (8 SH)					
	F		BMS academic liaison for anatomy (20 SH)					
	Sp	2011	"cont'd and pre-clinical liaison (12 SH)					
	Sp	2011	Doctoring (12 SH)					
	Sp E SD	2011	Triple Jump II (8 SH)  2 Scientific and Professional Foundations of Physics	wigol TL	ron: 1 /1	05 aant-	ot hours	Croo Dir
	F-SP		3 Scientific and Professional Foundations of Phy					Crse Dir
	F F-Sp		Advanced Clinical Problem Solving PHT 8266 3 Patient Client Management PHT 7540 (26 con			s), CIS D	111	
	F		Pentathalon (10 contact hours)	naci noui	<i>5)</i>			
	F-SP			vsical Th	erany 1 (	125 cont	act hours)	. Crse Dir
	F	2013	14 Scientific and Professional Foundations of Physical Therapy 1 (125 contact hours), Crse Dir. Movement Science 1 (24 contact hours), assistant					
	F	2013	Advanced Clinical Problem Solving (113 conta		Crse Dir			
		-	5 C C C C C C C C C C C C C C C C C C C	/,				

Sp	2014	Patient Client Management (40 contact hours), Crse Dir
F	2013	BMS Medical Science 1- Musculoskeletal (20 contact hours), liaison
F-Sp	2013-14	BMS Pre-clinical Yr 1-2 (40 contact hours), liaison
F	2013	LIA Director Team (30 contact hours)
F	2013	LIA 3 Preceptor (22 contact hours including remediation time)
F	2013	Pentathalon preceptor (6 contact hours)
Sp	2014	LIA 2 Preceptor (10 contact hours + 6 contact hours remediation time)
Sp	2014	LIA 1 Preceptor (10 hours contact time + 4 contact hours remediation time)

## **Extracurricular Teaching - University of Iowa**

1996	Sports Injuries Workshop for the Physical Therapy Student, October
1996	Sports Injuries Workshop for the Physical Therapy Student, November
1997	Sports Injuries Workshop for the Physical Therapy Student, October
1998	Sports Injuries Workshop for the Physical Therapy Student, October
1999	Sports Injuries Workshop for the Physical Therapy Student, March
2000	Sports Injuries Workshop for the Physical Therapy Student, February

## **Teaching Portfolio in Canada**

## **University of Alberta**

1982-84

1978-79	Functional Anatomy and Sports Medicine Physical Education 206
1979-81	Advanced Topics in Sports Injuries Physical Therapy 310

## University of Western Ontario

1981-82	Introduction to Sports Injuries Physical Education 435a
1981-82	Volleyball I Physical Education 201b
1981-82	Gross Anatomy of the Human Body Anatomy 220a (Lab Instructor)
1981-82	Anatomy of Head, Neck, Back & Thorax/Abdomen Anatomy 320b (Lab Instructor)
1981-82	Introduction to Sports Injuries Physical Education 435b
1981-84	Introduction to Sports Injuries Physical Education 335a
1982-83	Volleyball II Physical Education 300a/301b
1982-83	Gross Anatomy of the Human Body Anatomy 220a/b
1982-84	Independent Study in Sports/Dance Injuries Physical Education 491a

Independent Study in Sports/Dance Injuries

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24 hrs 100%

24 hrs 100%

	Physical Education 492a			
1982-84	Advanced Topics in Sports Injuries Physical Education 436b	36/yr	52 hrs	100%
1983	An Introduction to Recognition, Early Care and Prevention of Sports Injuries Physical Education 020 (Section)	120	4 hrs	100%
1983-84	Field Experience in Sports Injuries Physical Education 485y	20	52 hrs	100%
1987-90	Physical Therapy in Orthopaedics Physical Therapy 320	32/yr	104 hrs	80%
1987-95	Musculoskeletal Assessment for Physical Therapy 220	64/yr	104 hrs	100%
1987-95	Physical Therapy Project Physical Therapy 491y (N=28)			
1990-91	Patient Care Skills and Management Physical Therapy 230R	32	52 hrs	100%
1992-95	Physical Therapy in Orthopaedics Physical Therapy 320 (lecturer)	64/yr	8 hrs	100%
1993-95	Soft Tissue Mobilisation Techniques Physical Therapy 232a	64/yr	52 hrs	80%
1994-96	Sports Therapy for Physical Therapy Students Physical Therapy 408a	20/yr	65 hrs	100%
duoto Studont	rs Supervised (name degree objective outcome)			

## B. Graduate Students Supervised (name, degree objective, outcome)

### 1. Thesis Committees - University of Iowa

Lori Enloe Ahmed Elokda Miao-Ju Hsu Ward Glasoe Joy Krull Anish Ganju Laurie Hiatt	MA MA MA MA MA MA	Physical Therapy Physical Therapy Physical Therapy Physical Therapy Physical Therapy Physical Therapy Physical Therapy	1996 Graduation 1997 Graduation 1997 Graduation 1997 Graduation 1999 Graduation 2001 Graduation 2110 Graduation
Paula Ludewig	PhD	Exercise Science Exercise Science	1998 Graduation
Kevin Farrell	PhD		1998 Graduation

## 2. Comprehensive Committees - University of Iowa

Marc Pizzimenti	PhD	Exercise Science	PhD; 1999 Graduation
Tyler Cuddeford	PhD	Physical Therapy	PhD; 2001 Graduation

#### Graduate Student Supervisor (Students Completed)(M=Master's, P=Ph.D)

- "Effect of Different TENS Stimulus Parameters On Ulnar Motor Nerve Conduction Velocity", Candidate Peter Cox, Faculty of Applied Health Sciences, The University of Western Ontario, (co-supervisor)(M)
- "Electromyography of the Vastus Medialis Oblique, Vastus lateralis and Hip Adductors During Selected Exercises" Candidate Diane Zakaria, Faculty of Applied Health Sciences, University of Western Ontario, (supervisor)(M)
- "The Effects of Aging on Passive Stiffness and Dynamic Strength of Connective Tissues at the Ankle Joint", Candidate William Rhodenizer, Faculty of Applied Health Sciences, The University of Western Ontario, (supervisor)(M)
- "The Effects of the Aging Process on Muscle Strength and Soft Tissue Tension of Subtalar Motion in Elderly Healthy Women", Candidate Maria Lung, Faculty of Applied Health Sciences, The University of Western Ontario, (supervisor)(M)
- "Isometric Strength of Scapular Retraction and Protraction in Competitive Swimmers and Healthy Non-Competitive Females", Candidate John Marshall, Faculty of Applied Health Sciences, University of Western Ontario, (supervisor)(M)

#### Master's Thesis Committees - Examiner (Advisory (A), Defence (D))

- 1983 "An Evaluative Look at an Elastic Ankle Support Device" Candidate Garry Lapenskie, Faculty of Physical Education, The University of Western Ontario, A/D
- "Diet and High Intensity Exercise" Candidate Steven Ratz, Faculty of Physical Education, The University of Western Ontario, A/D
- "A Design Study to Assess the Effectiveness of Low Power Laser and Conventional Therapy on Sprains of the Lateral Ligament Complex of the Ankle" Candidate Leslie Bisbee, Faculty of Applied Health Sciences, The University of Western Ontario, A/D
- 1990 "The ACL Deficient Knee Isokinetic Strength Measures and Insufficiency" Candidate Marion Russell-Dorelyers, Faculty of Applied Health Sciences, The University of Western Ontario, A/D
- "The Effect of Low Intensity Laser and White Light on Sensory Latency of the Superficial Radial Nerve in Man" Candidate Marina Sandrin, Faculty of Applied Health Sciences, The University of Western Ontario, A/D
- "Reliability of Knee Extensor and Flexor Torques Following Total Knee Replacement" Candidate Zoe Agnidis, Faculty of Applied Health Sciences, The University of Western Ontario, A/D
- "Inter-rater Agreement and Accuracy of Clinical Tests used in Assessment of Carpal Tunnel Syndrome" Candidate Joy C. MacDermid, Faculty of Applied Health Sciences, The University of Western Ontario, A/D
- "Levels of Participation in Exercise/Physical Activity --- an Exploration of Motivational and Cognitive Differences" Candidate Ardeth Boyd-Kirkham, Faculty of Kinesiology, The University of Western Ontario, A/D
- "The Effects of Cryotherapy after Arthroscopic Knee Surgery" Candidate Lucy Gagesch, Faculty of Applied Health Sciences, The University of Western Ontario, A/D

"Isometric Strength of Scapular Retraction and Protraction in Competitive Swimmer's and Healthy Non-Competitive Females" Candidate John K. Marshall, Faculty of Applied Health Sciences, The University of Western Ontario, A/D

#### **B.** Other Contributions to Institutional Programs

#### **Institutional Conferences, Grand Rounds, Journal Clubs**

None

#### **Teaching Committees**

Counselling

#### **National Education Related Presentations**

#### **Formal Study To Improve Teaching Abilities**

Selected for the Teaching Scholar's Workshop, sponsored by OCRME., 3-year commitment (1999-2002)

Selected for the New Scholars Research Workshop at Boar's Head in, Charlotte, Virginia, Spring, 2003. Won full tuition with my research project presentation.

#### **Current Research Concerning Teaching**

**Local and Regional CME Talks** 

#### C. Course materials (syllabi, instructional web pages, computer lab materials)

"It's All On Tape," - a step-by-step approach to acute care management by the sports physical therapist

"Procedural Guidelines and Reference Manual of Musculoskeletal Assessment and Evaluation for the Physical Therapy Student."

#### III. SCHOLARSHIP

#### A. Publications

#### **Peer-reviewed Manuscripts**

Hartsell HD, Mendryk S: "Epidemiology of Sports Injuries", Journal of CATA, Spring:5-7, 1983

<u>Hartsell HD</u>: "Electrical Muscle Stimulation and Isometric Exercise Effects on Selected Quadriceps Parameters", Journal of Orthopaedic and Sports Physical Therapy 8 (4): 203-209, October, 1986

<u>Hartsell HD</u>, Tata GE: "A Retrospective Survey of Music-related Musculoskeletal Problems Occurring in Undergraduate Music Students", Physiotherapy Can 43(1):13-18, 1991

<u>Hartsell HD</u>, Tata GE: "Les Problèmes Ostéo-Musculaires Chez De Futurs Musiciens", Kinésitherapie Scientifique 312:49-54, 1992 (France)

<u>Hartsell HD</u>, Kramer JF: "A Comparison of the Effects of Electrode Placement, Contraction Intensity and Isometric Torque of the Knee Extensors", Journal of Orthopaedics and Sports Physical Therapy 15(4):168-174, April, 1992

Walmsley RP, <u>Hartsell HD</u>: "Shoulder Strength Following Surgical Rotator Cuff Repair: A Comparative Analysis Using Isokinetic Testing", Journal of Orthopaedics and Sports Physical Therapy 15(5):215-222, May, 1992

Zakaria D, <u>Hartsell HD</u>: "Efficacy of Electrical Muscle Stimulation During the Protected Immobilization Following Anterior Cruciate Ligament Surgery", Physiotherapy Canada 45(2):89-93, 1993

<u>Hartsell HD</u>: "Post-Surgical Shoulder Strength in the Older Patient", Journal of Orthopaedics and Sports Physical Therapy 18(6):667-672, 1993

Cox P, Kramer JF, <u>Hartsell HD</u>: "Effect of Different TENS Stimulus Parameters on Ulnar Motor Nerve Conduction Velocity", American Journal of Physical Medicine and Rehabilitation 72:294-300, 1993

<u>Hartsell HD</u>: "Isokinetic Evaluation of Muscle Strength Ratios of the Ankle Invertors and Evertors", Isokinetics and Exercise Science, 4(3):116-121, 1994

<u>Hartsell HD</u>, Hubbard M, Van Os P: "Isokinetic Strength Evaluation of Wrist Pronators and Supinators: Implications for Clinicians", Physiotherapy Canada 47:1-6, 1995

Lung M., <u>Hartsell HD.</u>, Vandervoort AA: "Effects of Aging on Ankle Joint Stiffness: Implications for Exercise", Physiotherapy Canada 48(2):96-106, 1996

<u>Hartsell HD</u>, Rhodenizer WJ: "The Relationship Between Aging, Passive Resistance and Concentric Strength of the Ankle in Young through Middle-aged Males", Physiotherapy Canada 48:244-250, 1996

<u>Hartsell HD</u>, Forwell LF: "Post-operative Eccentric and Concentric Isokinetic Strength for the Shoulder Rotators in the Scapular and Neutral Planes," Journal Orthopedics Sports Physical Therapy 25:19-25, 1997

<u>Hartsell HD</u>, Spaulding SJ: "Effectiveness of External Orthotic Support on Passive Soft Tissue Resistance of the Chronically Unstable Ankle", Foot and Ankle International 18(3):144-150, 1997

Spaulding SJ, Hartsell HD: "Effects of Orthotic Devices on Gait in Individuals with Compromised Knee Function", Gait and Posture, 5(2):170-171, 1997

Birmingham TB, Chesworth BM, <u>Hartsell HD</u>, Stevenson AL, Lapenskie GL, Vandervoort AA: "Peak Passive Resistive Torque at maximum Inversion Range of Motion in Subjects with Recurrent Ankle Inversion Sprains", Journal Orthopedics Sports Physical Therapy 25(5):342-348, 1997

<u>Hartsell HD</u>, Spaulding SJ: "Effects of Bracing on Isokinetic Torque for the Chronically Unstable Ankle", Journal Sports Rehabilitation 8:83-88, 1999

<u>Hartsell HD</u>, Spaulding SJ: "Eccentric/Concentric Ratios at Selected Velocities for the Invertor and Evertor Muscles of the Chronically Unstable Ankle" British Journal Sports Medicine 33:255-258,1999

<u>Hartsell HD</u>: "The Effects of Body Position on the Isokinetic Torques of the Shoulder Rotators in the Scapular Plane", Isokinetics and Exercise Science 7:161-170, 1999/2000

<u>Hartsell HD:</u> "The Effects of External Bracing on Joint Position Sense Awareness for the Chronically Unstable Ankle," Journal Sports Rehabilitation 9:279-289, 2000

<u>Hartsell HD</u>, Spaulding SJ: "Eccentric/Concentric Ratios at Selected Velocities for the Invertor and Evertor Muscles of the Chronically Unstable Ankle", North American Year Book of Sports Medicine, 2000

<u>Hartsell HD</u>, Fellner C, Saltzman CL: "Pneumatic Bracing and Total Contact Casting Have Equivocal Effects on Plantar Pressure Relief," Foot and Ankle International 22(6):502-506, 2001

<u>Hartsell HD</u>, Fellner C, Franz R, Saltzman CL: "The Repeatability of Total Contact Cast Applications - Implications for Clinical Trials," Jour Prosthetics and Orthotics 13(1):4-7, 2001

<u>Hartsell HD</u>, Fitzpatrick D, Brand R, Frantz R, Saltzman CL: "The Accuracy of a Custom-Designed Activity Monitor with Total Contact Cast Use: A Pilot Study", Jour Rehabil Res and Develop, 39(3):395-400, 2002

- <u>Hartsell HD</u>, Saltzman CL, Brand RA: "Total Contact Casting: Its Effect on Contralateral Plantar Foot Pressure", Foot and Ankle International, 23(4):330-334, April 2002
- Kaminski TW, Hartsell HD: "Factors Contributing to Chronic Ankle Instability: A Strength Perspective", Jour Athl Train 37(4):394-405, 2002
- Spaulding S, Livingston Lori, <u>Hartsell HD</u>: "The Influence of External Orthotic Support on the Adaptive Gait Characteristics of Individuals with Chronically Unstable Ankles", Gait and Posture, 17:152-158, 2003
- <u>Hartsell HD</u>, Saltzman CL, Brand RA, Fitzpatrick D: "The Effects of Total Contact Casting Materials on Plantar Pressures", Foot and Ankle International, 25(2):73-78, 2004
- Saltzman CL, Zimmerman MB, Holdsworth RL, Beck S, <u>Hartsell HD</u>, Kesselring K, Frantz R: "Effect of Initial Weight-bearing in a Total Contact Cast on Healing of Diabetic Foot Ulcer", Journal of Bone and Joint Surgery, 86A(12):2714-2719, 2004.

#### **Non-peer Reviewed Publications**

<u>Hartsell HD</u>: "It's All on Tape", Part I, Canadian Physiotherapy Association (Sports Physiotherapy Division) Review 13(3):18-21, 1988

Hartsell HD: "It's All on Tape", Part II, CPA/SPD Review 13(4):21-24, 1988

Hartsell HD: "Open Basketweave for the Ankle Joint", CPA/SPD Review 14(5):19-21, 1989

Hartsell HD: "Closed Gibney for the Ankle Joint", CPA/SPD Review 13(6):22-23, 1989

Hartsell HD: "Medial Longitudinal Arch", CPA/SPD Review 13(7):27, 1989

Hartsell HD: "Wrist and Thumb Support", CPA/SPD Review 14(2):31-32, 1989

Hartsell HD: "Strains and Contusions of the Thigh Musculature", CPA/SPD Review 14(5):24-25, 1990

Obright K, Hartsell HD: "Office Ergonomics", CPA/OPD Review 17(3);36-41, 1993

<u>Hartsell HD</u>, Tata GE: "A Retrospective Survey of Music-related Musculoskeletal Problems Occurring in Undergraduate Music Students" CPA/OPD Review 18(2);17-20, 1994

<u>Hartsell HD</u>: "Clinical Isokinetics for the Shoulder - What's Your Position?", invited article written and submitted to Journal of Physical Therapy Products, January 2001

### **Books**

None

### **Book Chapters**

Bisbee L, Hartsell HD: "Physiotherapy Management of Whiplash Injuries", Spine: State of the Art Reviews, 7(3):501-516, Chapter 11, 1993.

#### **Electronic Publications**

None

#### **Published Abstracts**

- <u>Hartsell HD</u>: "A Comparison of the Effects of Electrode Placement and Isometric Torque on the Knee Extensors", Anatomy and Joint Function Concepts, CPA Orthopaedic Division, Fall, 1990
- <u>Hartsell HD</u>, Kramer JF: "A Comparison of the Effects of Electrode Placement, Isometric Torque and Knee Extensor Strength", Physiotherapy Canada 42(3):11, 1990
- Hartsell HD: "Review of 'Clinical Sports Medicine", Canadian Journal of Applied Sport Sciences 9(3): 166-167, 1990
- Chesworth B, <u>Hartsell HD</u>, Lapenskie GL, Vandervoort AA: "Effect of Active Warm- up on Passive Inversion Stiffness of the Ankle in Healthy Subjects", Physiotherapy Canada 46 (2,suppl.): 165, Spring, 1994
- <u>Hartsell HD</u>: "Comparisons of Torque Generated by the Shoulder Rotators at Varying Velocities and Positions in the Older Post-Surgical Shoulder Patient", Physiotherapy Canada 46 (2,suppl.):165, Spring, 1994
- Garland SJ, <u>Hartsell HD</u>, Helewa A, MacPhail HEA: "Incoming Undergraduate Physiotherapy Student Profile", Physiotherapy Canada 46 (2,suppl.):88, Spring, 1994
- Chesworth B, <u>Hartsell HD</u>, Lapenskie GP, Vandervoort AA: "Effect of Active Warm-up on Passive Inversion Stiffness of the Ankle in Healthy Subjects", Physical Therapy 74(5, suppl):163, 1994
- <u>Hartsell HD</u>: "Comparisons of Torque Generated by the Shoulder Rotators at Varying Velocities and Positions in the Older Post-Surgical Shoulder Patient", Physical Therapy 74(5,suppl.):, 1994
- Garland SJ, <u>Hartsell HD</u>, Helewa A, MacPhail HEA: "Incoming Undergraduate Physiotherapy Student Profile", Physical Therapy 74(5,suppl):, 1994
- <u>Hartsell HD</u>, Forwell L: "Eccentric Strength Evaluation of the Preferred and Non-Preferred Shoulder Rotators in Two Planes for the Post-Rotator Cuff Repair Patient", Physical Therapy 75:43(S), 1995
- <u>Hartsell HD</u>, Forwell L: "Eccentric and Concentric Strength Evaluation in the Neutral and Scapular Planes: Clinical Implications for the Rotator Cuff Repair Patient", Physiotherapy Canada 48(2):22, 1996
- Spaulding SJ, <u>Hartsell HD</u>: "Monitoring Gait Mobility in Individuals with Compromised Knee Function: Effects of Orthotic Devices", Gait and Posture 5(2):170, 1997
- <u>Hartsell HD</u>, Spaulding SJ: "The Effectiveness of External Orthotic Support on Passive Soft Tissue Characteristics of the Chronically Unstable Ankle", Physical Therapy 77(5):S107, 1997
- <u>Hartsell HD</u>, Spaulding SJ: "The Effects of Flexible and Semi-rigid Orthotics on Isokinetic Parameters in the Chronically Unstable Ankle", Physical Therapy 78(5):S87, 1998
- Spaulding SJ, Livingston L, <u>Hartsell HD</u>: "The Influence of External Orthotic Support on Adaptive Gait Characteristics", NACOB, 1998
- <u>Hartsell HD</u>, Spaulding SJ: "Eccentric/Concentric Ratios for the Invertor and Evertor Muscles of the Chronically Unstable Ankle", Physical Therapy 79(5):S42, 1999
- <u>Hartsell HD</u>: "Effects of Body Position on Isokinetic Torque Ratios for the Shoulder Rotators", Physical Therapy 80(5): S21, 2000
- <u>Hartsell HD</u>: "Effects of External Bracing on Joint Position Sense Awareness for the Chronically Unstable Ankle", Physical Therapy 81(5):A43, 200.
- <u>Hartsell HD</u>, Ambler SB, Murdoch KB, Highsmith MJ. "The Effectiveness of Unloader Bracing to Assist Healing Following Tibial Baseplate Loosening After Unicompartmental Arthroplasty: A Functional Outcomes Analysis." Manuscript in progress for submission to JOSPT, May 2012.
- Hartsell HD, Ambler SB, Murdoch KB, Highsmith MJ. "The effect of Unloader Bracing to Assist Healing Following Tibial baseplate Loosening After Unicompartmental Arthroplasty: A Functional Outcomes Analysis." Physical Therapy Journal 92(5):2230RR, May, 2012

#### B. Areas of Research Interest and Current Projects

Muscle performance assessment and evaluation, particularly for foot/ankle and shoulder: Immobilization and bracing related to chronic disabilities of the foot/ankle

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Isokinetics of the Knee and Ankle: How They Interrelate to Produce Anterior Knee Joint Pain

Muscle Fatigue, Prioprioception, Bracing and the Functionally Uunstable Ankle

The Relationship between Dynamic Parameters of the Hip/Ankle and Chronic Ankle Instability

Activity Level or Plantar Pressure Loading: Which is the Culprit in Rates of Healing of Diabetic Foot Ulcers?

#### C. Published Reviews of Scholarship

None

#### D. Grants Received

Title Components of an 8-channel electromyographic system to

study muscle activity

Source Ministry of Health Of Ontario Clinical Research Equipment

Grant

Amt of Direct Funds \$15,000 Project Period (or 'submitted') 1987

Principal Investigator Kramer JF, Hartsell HD, Vandervoort AA

% Effort on Grant

% Salary Support Obtained

Role/contributions (1-2 sentences) Co-investigator, needs analysis/writing

Title Electro-stim 180, an electrical muscle stimulator to study the

effects of electrical muscle stimulation on normal and

traumatized muscle

Source The University of Western Ontario, Special Competition for

Research Funds

Amt of Direct Funds \$4,818
Project Period (or 'submitted') Fall 1988
Principal Investigator Hartsell HD
% Effort on Grant 100%

% Salary Support Obtained

Role/contributions (1-2 sentences) Primary author and investigator

Title The CYBEX, an isokinetic dynamometer to study and

evaluate programs of rehabilitation, prevention and surgical

outcomes in varying age populations

Source The Ivey Foundation, The University of Western Ontario

Amt of Direct Funds \$68,500

Project Period (or 'submitted') Spring 1990

Principal Investigator Hartsell HD

% Effort on Grant 100%

% Salary Support Obtained

Role/contributions (1-2 sentences) Primary author and investigator

Title Bracing the Chronically Unstable Ankle

Source Joint Solutions, Inc.

Amt of Direct Funds \$2500
Principal Investigator Hartsell HD
% Effort on Grant 100%

Role/contributions (1-2 sentences) Primary investigator and author

Title Extrinsic Factors Involved with Foot Ulceration Healing in

the Patient with Diabetes

Source Carver Medical Initiatives Grant

Amt of Direct Funds \$30,000

Project Period (or 'submitted') February 2001-February 2003

Principal Investigator Hartsell HD % Effort on Grant 100%

% Salary Support Obtained

Role/contributions (1-2 sentences) Primary investigator and author

Title Orthoses; Peripheral Neuropathy, Foot Pressures and the

Reintegrated Veteran

Source Veteran's Reintegration Foundation

Amt of Direct Funds \$48,320
Project Period (or 'submitted') Not funded
Principal Investigator Hartsell HD
% Effort on Grant 100%

% Salary Support Obtained

Role/contributions (1-2 sentences) Primary investigator and author

Title Effects of Dynamic Designed Custom Inserts on Foot

Pressure, Balance and Gait in Subjects with a Simulated

Neuropathic Ulcer

Source FPTA
Amt of Direct Funds \$4,000
Project Period (or 'submitted') funded

Principal Investigator Ambler, S and Hartsell H
% Effort on Grant 50% per investigator

% Salary Support Obtained

Role/contributions (1-2 sentences) Co-investigators and authors

Title An Innovative Intervention for the Physical Therapist: The Effects of

Dynamically Designed Orthotics on Foot Pressure, Balance and Gait in Subjects with Simulated Neuropathic Foot Ulcer: Implications for the

Clinician

Source APTA Foundation Research Grant

Amt of Direct Funds \$39,564

Project Period (or submitted) submitted, awaiting decision in May, 2012

Principal Investigators Ambler, S and Hartsell, H

% Effort on grant 50% Salary Support Obtained N/A

Role/Contributions co-investigators and authors

Source KAU-USF CAART Funding

Amt of Direct Funds \$10,000 Project Period submitted

Principal Investigators one of several investigators

% Effort on Grant% Salary Support ObtainedN/A

Role/Contribution Investigator for data collection of sub-section and authorship

Source Cycle 1 Conference Grant submitted Nov. 2014

Amt of Direct Funds \$4,265

Project Period received for conference Feb, 2015

Principal Investigators one of three investigators

% Effort on Grant 50% % Salary Support Obtained N/A

Role/Contribution Investigator for submission and execution of conference for PAMA-

performing arts medicine association; National and regional

#### E. Invited Lectures

"Treatment and Prevention of Injuries Relating to Soccer", Alberta Soccer Association, Alberta, 1980

"Transcutaneous Nerve Stimulation", CFRN Radio, Edmonton, Alberta, 1980

"Injury Recognition and Emergency Care of Football Injuries", Alberta Bantam Football Association, 1980

"Skiing Injuries - Management and Prevention", Alpine Ski Association, Alberta, 1980

"Running Injuries", Symposium on the Athlete, University of Alberta, 1981

"The Lower Leg - Structure and Function", Department of Anatomy, Faculty of Medicine, The University of Western Ontario, 1981

"The Shoulder - How's and Why's", Department of Anatomy, Faculty of Medicine, The University of Western Ontario, 1981

"Electrical Muscle Stimulation and Strength Testing", Ontario Wrestling Association, Guelph, Ontario, 1982

"Electrical Muscle Stimulation - What is it?", Canadian Physiotherapy Association (Sports Medicine Division), London, Ontario, 1982

"Sports Injuries - An Overview", Faculty of Kinesiology 020, The University of Western Ontario, 1983

"Sports Injuries, Their Frequency, Causative Factors and Methods of Prevention", CFPL-TV Channel 10 Interview, 1984

"A Look at the Sports Injuries Program at The University of Western Ontario", CFPL-TV Channel 10 Interview, 1984

"Faradic Muscle Stimulation and Quadriceps Strength Parameters", CAHPER Convention, London, Ontario 1985

"Prophylactic Management of Common Injuries to the Foot, Ankle and Hand", Invited Presentation, St. Joseph's Family Medical Centre, London, Ontario, November, 1987

"Prophylactic Management of Common Musculoskeletal Injuries", Invited presentation, Mount Brydges Family Medical Centre, Mount Brydges, Ontario, February, 1988

"Care, Management and Preventative Measures for Sports Injuries", Continuing Education Workshop, Department of Physical Therapy, The University of Western Ontario, 1988

"Gross and Functional Anatomy of the Human Knee Joint", Anatomy Update Continuing Education, The University of Western Ontario, April, 1989

"EMS, Electrode Placement and Passive Isokinetic Strength", 1st North American Orthopaedic Symposium, Ottawa, Ontario, May, 1990

"Laser Shedding Some Light", Invited Presentation at 22nd Westgate Symposium, Toronto, Ontario, September, 1990

"Care and Prevention of Sports Injuries - Practicalities", Continuing Education Workshop, Faculty of Kinesiology, The University of Western Ontario, 1990

"Electrical Muscle Stimulation in Muscle Rehabilitation", Invited Presentation at 11th Annual Sports Physiotherapy Symposium, London, Ontario, November, 1991

"Care and Prevention of Sports Injuries - Practicalities", Continuing Education Workshop, McMaster University, 1991

"Assessment and Prophylactic Management for the Foot/Ankle", Invited Presentation at Thames Valley Children's Centre, London, Ontario, October, 1992

"Post-operative Outcome Measures for the Rotator Cuff Repair Patient: Isokinetic Evaluation in Two Planes of Movement", Resident's Day, University Hospital, London, Ontario, May, 1993

- "Acute Injuries to the Foot/Ankle: Recognition & Management", Faculty of Applied Health Sciences, The University of Western Ontario, London, Ontario, March, 1993
- "Acute Sports Injuries: Recognition and Management", Faculty of Applied Health Sciences, The University of Western Ontario, London, Ontario, August, 1993
- "Acute Sports Injuries: Recognition and Management", Faculty of Applied Health Sciences, Queen's University, Kingston, Ontario, May, 1993
- "Clinical Outcomes using the Cybex for the Rotator Cuff Repair Patient", Clinical Update, University of Iowa Hospital and Clinics, March, 1996
- "Isokinetics as a Post-operative Outcome Predictor for the Shoulder Rotators", Physical Therapy CRC, noon hour presentations series to hospital personnel, Spring, 1996
- "External Bracing of the Chronically Unstable Ankle: Effects on Isokinetic Parameters", Medical University of South Carolina, Charleston, Fall, 1998
- "The Effects of Selected External Braces on Joint Position Sense Awareness in the Functionally Unstable Ankle", Indiana University Physical Therapy Program, Indiana University, Summer, 2001

#### **Conference Presentations**

- "Epidemiology of Sports Injury in the Young Athlete", Curriculum Workshop in Athletic Training, University of Alberta, Edmonton (AL), Canada, 1981 (platform)
- "The Shoulder Anatomy, Injuries and Prevention", Curriculum Workshop in Athletic Training, University of Alberta, Edmonton (AL), Canada, 1981 (platform)
- "EMS, Passive Isometric Strength and Electrode Placement", Canadian Physiotherapy Association (CPA) National Congress, Charlottetown (PEI), Canada, June, 1990 (platform)
- "Critical Analysis of Hip Stiffness in Patients with Low Back Pain", CPA National Congress, Orthopaedic Division Scientific Session, Halifax (NS), Canada, May, 1992 (platform)
- "Effect of Active Warm-up on Passive Inversion Stiffness of the Ankle in Healthy Subjects", APTA-CPA Joint National Congress, Toronto (ON), Canada, June, 1994 (poster)
- "Comparison of Torque Generated by the Shoulder Rotators at Varying Velocities and Positions in the Older Post-Surgical Patient", APTA-CPA Joint National Congress, Toronto (ON), Canada, June, 1994 (platform)
- "Incoming Undergraduate Physiotherapy Student Profile", APTA-CPA National Congress, Toronto (ON), Canada, June, 1994 (poster)
- "A Comparison of Passive Stiffness and Range of Motion into Inversion in Uninvolved and Involved Ankles of Patients with Recurrent Ankle Sprains", Ontario Physiotherapy Association Conference, Windsor (ON), Canada, May, 1994 (platform)
- "Lateral Ankle Laxity and Inversion Range of Motion in Subjects with Recurrent Inversion Sprains", T. Birmingham, B. Chesworth, H. Hartsell, Canadian Sports Medicine Symposium, Toronto (ON), Canada, April, 1995 (platform)
- "The Effects of Aging on Passive Subtalar Joint Stiffness and Dynamic Strength: Their Relationships to Balance Performance in Healthy Elderly Females", M. Lung, H. Hartsell, Canadian Rehabilitation Research Symposium, Kingston (ON), Canada, May, 1995 (platform)
- "Eccentric and Concentric Strength Evaluation of the Preferred and Non-Preferred Shoulder Rotators in Two Planes for the Rotator Cuff Repair Patient", CPA National Congress, June 1-3, Victoria (BC), Canada, 1996 (platform)
- "Monitoring Gait Mobility in Individuals with Compromised Knee Function: Effects of Orthotic Devices", SJ Spaulding and HD Hartsell, North American Society of Gait and Clinical Movement Analysis, Chicago (IL), USA, March, 1997 (poster)

- "The Effectiveness of External Orthosis Support on Passive Soft Tissue Characteristics of the Chronically Unstable Ankle", American Physical Therapy Association (APTA) National Conference, San Diego (CA), USA, June, 1997 (platform)
- "Effects of Flexible and Semi-rigid Orthotics on Isokinetic Parameters in the Chronically Unstable Ankle", APTA National Conference, Orlando (FL), USA, June, 1998 (platform)
- "The Influence of External Orthotic Support on Adaptive Gait Characteristics for the Chronically Unstable Ankle", North American Congress on Biomechanics, Waterloo (ON), Canada, August, 1998 (poster)
- "Eccentric/Concentric Ratios for the Invertor and Evertor Muscles of the Chronically Unstable Ankle", American Physical Therapy Association National Conference, Washington (DC), USA, June, 1999 (poster)
- "External Orthotic Support of the Chronically Unstable Ankle During Adaptive Gait", Tri-Joint Congress for the Canadian Association of Speech Language Pathology, Occupational and Physical Therapists, Toronto (ON), Canada, May 2000 (poster)
- "Isokinetic Ratios of the Sagittal Plane Muscles for the Chronically Unstable Ankle", Iowa Physical Therapy Association Conference, Des Moines (IA), USA, May 2000 (poster)
- "Effects of Body Position on Isokinetic Torque Ratios for the Shoulder Rotators", American Physical Therapy Association National Conference, Indianapolis (IN), USA, June 2000 (poster)
- "Effects of External Bracing on Joint Position Sense Awareness for the Chronically Unstable Ankle", American Physical Therapy Association National Conference, Anaheim (CA), June 2001 (poster)
- "The Effectiveness of Unloader Bracing to Assist healing Following Tibial Baseplate Loosening After Unicompartmental Arthroplasty: A Functional Outcomes Analysis", APTA June 2012.

#### **Visiting Professorships**

### F. Pending Decisions (grant proposals, book contracts)

#### IV. SERVICE

#### **Professional Organizations (offices held)**

1975-86	Canadian Athletic Therapy Association
1976-85	Canadian Association of Sport Sciences
1977-80	Canadian Athletic Therapy Association - Education Chairperson
1978-pres	American College of Sports Medicine
1986-87	Canadian Physiotherapy Association (student member)
1987-pres	Canadian Physiotherapy Association
1988-pres	Sports Physiotherapy Division, CPA (Treasurer, 1989-91)
1990-95	Orthopaedic Physiotherapy Division, CPA (Treasurer, 1991-1995)
1996-pres	American Physical Therapy Association
1996-pres	Sports Physical Therapy Division, APTA
1996-pres	Research Physical Therapy Division, APTA
1999-pres	American Diabetic Association

### **Editorships**

## Review Panels ( $\underline{G}$ rants, $\underline{J}$ ournals)

1990-91	Reviewer for SPD/CPA Dr. David Magee Award (G)
1991-92	Canadian Journal of Applied Sports Sciences (G)
1991-92	Canadian Fitness and Lifestyle Research Institute (G)
1992-93	Canadian Fitness and Lifestyle Research Institute (G)
1996-97	Canadian Journal of Rehabilitation (J)
1996-pres	Journal of Orthopedic and Sports Physical Therapy (J)

## Review Panels (Books)

2001	Reviewer for McGraw-Hill Publishing Company for textbook "Orthopaedic Examination,
	Evaluation and Intervention" by Mark Dutton.
2011	Reviewer for FA Davis Publishing Company for textbook "Peripheral Nerve Injury: An Anatomical
	and Physiological Approach for Physical Therapy Intervention 1E"

#### **Departmental, Collegiate or University Committees**

Departmental	, Collegiate or University Committees
1981 -82	Executive Committee, Faculty of Physical Education, The University of Western Ontario
1981 -83	Curriculum Committee, Faculty of Physical Education, The University of Western Ontario
1981 -83	Assistant Marshall, Spring/Fall Convocations, The University of Western Ontario
1982 -84	Athletic Policies Committee, Faculty of Physical Education, The University of Western Ontario
1983 -84	President's Advisory Council on Teaching and Learning (PACTL), The University of Western Ontario
1983 -84	Undergraduate Admissions Committee, Faculty of Physical Education, The University of Western
	Ontario
1987 -90	Curriculum Committee, Department of Physical Therapy, The University of Western Ontario
1987 -90	Examinations and Awards Committee, Department of Physical Therapy, The University of Western
	Ontario
1987 -90	Long Range Planning Committee, Department of Physical Therapy, The University of Western Ontario
1987 -91	Human Nutrition Committee, The University of Western Ontario
1987 -91	Graduate Committee, Department of Physical Therapy, The University of Western Ontario
1987 -95	Admissions Sub-Committee, Department of Physical Therapy, The University of Western Ontario
1987 -95	Assistant Chief Public Orator, Convocation Board, The University of Western Ontario
1987 -95	Student-Faculty Liaison Officer, Department of Physical Therapy, The University of Western Ontario
1988 -89	Graduate Task Force Committee, Department of Physical Therapy, The University of Western Ontario
1988 -89	Undergraduate Task Force Committee on Expansion, Department of Physical Therapy, The University
	of Western Ontario
1988 -95	Admissions Committee, Department of Physical Therapy, The University of Western Ontario
1988 -95	Undergraduate Committee, Department of Physical Therapy, The University of Western Ontario
1989	Selection Committee for Department Chairperson, Department of Physical Therapy, The University of
	Western Ontario
1990 -93	Senate Committee for University Admissions, (Alternate for FAHS), The University of Western
	Ontario
1990 -95	Undergraduate Admissions Sub-Committee, Department of Physical Therapy, The University of
	Western Ontario ( <u>Chairperson</u> )
1990 -95	Faculty of Graduate Studies, Faculty of Applied Health Sciences Representative, The University of
1000 07	Western Ontario
1992 -95	UWO/UH Faculty Liaison Officer
1994	Task Force for Excellence in Teaching, Department of Physical Therapy, The University of Western
1006 2000	Ontario
1996-2000	Faculty Research and Development Committee, Physical Therapy Graduate Program, The University
1006 2002	of Iowa
1996-2002	MPT Committee, Physical Therapy Graduate Program, The University of Iowa
1996-2002	Admissions Committee, Physical Therapy Graduate Program, The University of Iowa
1996-2002	MA/Ph.D. Committee, Physical Therapy Graduate Program, The University of Iowa
1996-2002	Faculty Committee, Physical Therapy Graduate Program, The University of Iowa

## University of South Florida Committees

2009-pres	APRSC
2009-pres	Student Selection Committee, chairperson
2009-13	Ad Hoc Faculty Evaluation Committee
2010-pres	Chairperson, Student Selection Committee
2010-2012	Faculty Representative to COM Faculty Council
2010-pres	Faculty Liaison Representative for COM Basic Sciences
2011-13	Shared Student Services committee member
2011-pres	Faculty Search Committee

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2012-14	Executive Cabinet
2012-13	Curriculum Committee
2012-pres	Allied Student Health COPH
2013-14	Performing Arts in Medicine Organization
2012-14	Pre-professional Health Committee, COM

## **Community Involvement**

1981-83	Dance Therapist for all credit and non-credit dance programs, The University of Western Ontario
1983	Dance Therapist for "Dance Western", The University of Western Ontario (Review Show)
1988	Dance Therapist for "Dance Western - Five Years Later", The University of Western Ontario
	(Review Show)
1990-91	Sports Therapist, Ontario Winter Games, London, Ontario
1990-91	Organising Committee for 11th Sports Physiotherapy Symposium and Pre-Symposium Course
1990-92	Sports Therapist, Springbank Road Races, London, Ontario
1990-93	Sports Therapist, Blue Light 24-Hour Relay, London, Ontario
1991-92	Sports Therapist, Skate Canada, London, Ontario
1995	Sports Therapist, Jesus Christ Superstar Production, Faculties of Kinesiology and Fine Arts

## Other

1991-95 Research Advisor, Department of Physical Therapy, St. Joseph's Hospital, London, Ontario Canada